Dichlorodifluoromethane	1086.0
Dichlorotetrafluoroethane	191.6

(k)

Aerosol IV	mg/ml
Compound X	2.5
Soya lecithin	2.7
Trichlorofluoromethane	67.5
Dichlorodifluoromethane	1086.0
Dichlorotetrafluoroethane	191.6

(l)

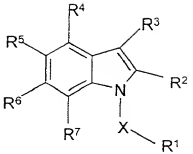
Ointment	ml
Compound X	40 mg
Ethanol	300 µl
Water	300 µl
1-Dodecylazacycloheptan-2-one	50 µl
Propylene glycol	to 1 ml

Note:

Compound X in the above formulation may comprise a compound illustrated in Examples. The above formulations may be obtained by conventional procedures well known in the pharmaceutical art. The tablets (a)-(c) may be enteric coated by conventional means, for example to provide a coating of cellulose acetate phthalate. The aerosol formulations (h)-(k) may be used in conjunction with standard, metered dose aerosol dispensers, and the suspending agents sorbitan trioleate and soya lecithin may be replaced by an alternative suspending agent such as sorbitan monooleate, sorbitan sesquioleate, polysorbate 80, polyglycerol oleate or oleic acid.

Claims

1. A compound of formula (I)

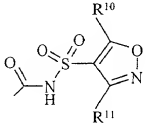


(I)

X is CH_2 or SO_2

R^1 is an optionally substituted aryl or heteroaryl ring;

R^2 is carboxy, cyano, $-C(O)CH_2OH$, $-CONHR^8$, $-SO_2NHR^9$, tetrazol-5-yl, SO_3H, or a group of formula (VI)



(VI)

where R^8 is selected from hydrogen, alkyl, aryl, cyano, hydroxy, $-SO_2R^{12}$ where R^{12} is alkyl, aryl, heteroaryl, or haloalkyl, or R^8 is a group-$(CHR^{13})_r$-COOH where r is an integer of 1-3 and each R^{13} group is independently selected from hydrogen or alkyl; R^9 is hydrogen, alkyl, optionally substituted aryl such as optionally substituted phenyl or optionally subtituted heteroaryl such as 5 or 6 membered heteroaryl groups, or a group COR^{14} where R^{14} is alkyl, aryl, heteroaryl or haloalkyl; R^{10} and R^{11} are independently selected from hydrogen or alkyl, particularly C_{1-4} alkyl;

R^3 is hydrogen, a functional group, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted aryl, optionally substituted heterocyclyl,

optionally substituted alkoxy, optionally substituted aralkyl, optionally substituted aralkyloxy, optionally substituted cycloalkyl;

R^4 is a group $NHCOR^{15}$, $NHSO_2R^{15}$ or $OCONR^{16}R^{17}$ where R^{15} is optionally substituted alkyl, optionally substituted aryl or optionally substituted heteroaryl and R^{16} and R^{17} are independently selected from hydrogen, optionally substituted alkyl, optionally substituted aryl and optionally substituted heteroaryl, with the proviso that at least one of R^{16} or R^{17} is other than hydrogen, or R^{16} and R^{17} together with the nitrogen atom to which they are attached form an optionally substituted heterocyclic ring which optionally contains further heteroatoms; and

R^5, R^6 and R^7 are independently selected from hydrogen, a functional group or an optionally substituted hydrocarbyl groups or optionally substituted heterocyclic groups;

and further provided that when R^4 is a group $NHCOR^{15}$, R^{15} is substituted alkyl, optionally substituted aryl or optionally substituted heteroaryl.

2. A compound according to claim 1 wherein a group R^{15}, R^{16} and R^{17} as they appear in the definition of R^4, is substituted by at least one functional group, or an aryl or heterocyclyl groups, either of which may themselves be substituted by one or more functional groups or further aryl or heterocyclyl groups.

3. A compound according to any one of the preceding claims wherein R^4 is a group $NHCOR^{15}$ or $NHSO_2R^{15}$ and R^{15} is a substituted alkyl group or an optionally subsituted hetercyclyl or optionally substituted phenyl group.

4. A compound according to claim 3 wherein R^{15} is alkyl substituted by a group of formula $NR^{19}R^{20}$ where R^{19} and R^{20} are independently selected from hydrogen or optionally substituted hydrocarbyl, or R^{19} and R^{20} together form an optionally substituted ring which optionally contains further heteroatoms such as $S(O)_m$, oxygen and nitrogen, n is an integer of 1 or 2, m is 1 or 2.

5. A compound according to any one of the preceding claims where R^2 is carboxy.